

**Practice**

For use with pages 71–75

**Use the distributive property to evaluate the expression.**

**1.**  $15(7 + 20)$

**2.**  $10(6.4 + 8.9)$

**3.**  $-5(24 - 17)$

**4.**  $(4 - 16)(-8)$

**5.**  $(29 - 14)(-3)$

**6.**  $12(11.3 + 7.8)$

**Evaluate the expression using the distributive property and mental math.**

**7.**  $312(-4)$

**8.**  $487(6)$

**9.**  $17.98(3)$

**10.**  $8(1.25)$

**11.**  $-7(82)$

**12.**  $191(-5)$

**Use the distributive property to write an equivalent variable expression.**

**13.**  $11(s + 9)$

**14.**  $-21(x - 7)$

**15.**  $13(20 - a)$

**16.**  $-8(17 + b)$

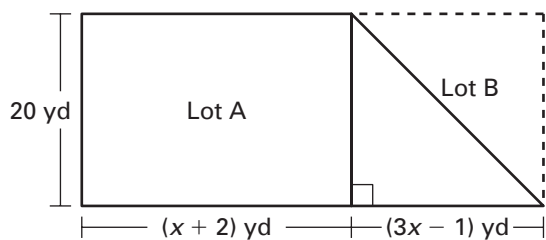
**17.**  $(r + 1.68)(-0.1)$

**18.**  $3.25(5.02 - t)$

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- 19.** You and a friend go to a restaurant. You each order a salad, a cup of soup, and a drink. Each salad costs \$5.99, each cup of soup costs \$3.90, and each drink costs \$1.15. Use the distributive property to find the total cost of the meal.
- 20.** There are several rectangular parcels of land for sale in a neighborhood. The Gonzalez family wants to purchase Lot A and half of the neighboring lot.
- Use the distributive property to find the area, in square yards, of Lot A.
  - Use the distributive property to find the area, in square yards, of half of Lot B.
  - Find the total area of the land the Gonzalez family wishes to purchase.



Find the area of the rectangle or triangle.

